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TI Comparison of effects of suture and cyanoacrylate tissue adhesive on  
bacterial counts in contaminated lacerations  
AU Howell, John M.; Bresnahan, Kevin A.; Stair, Thomas O.; Dhindsa,  
Harinder S.; Edwards, Barbara A.  
CS Georgetown Univ. Hosp., Georgetown Univ. Med. Sch., Washington, DC,  
USA  
SO Antimicrob. Agents Chemother. (1995), 39(2), 559-60  
CODEN: AMACCQ; ISSN: 0066-4804  
DT Journal  
LA English  
CC 63-7 (Pharmaceuticals)  
AB We studied the effects of closing lacerations with suture or  
cyanoacrylate tissue adhesive on staphylococcal counts in inoculated  
guinea pig lacerations. **Wounds** closed with adhesive alone

had lower counts than **wounds** contg. suture material. The  
results of a time-kill study were consistent with a bacteriostatic  
adhesive effect of the adhesive against Staphylococcus aureus.

ST suture cyanoacrylate tissue adhesive bacteria laceration  
IT Bacteria  
(comparison of effects of suture and cyanoacrylate tissue  
adhesive on bacterial counts in contaminated lacerations)  
IT **Wound**  
(laceration; comparison of effects of suture and cyanoacrylate  
tissue adhesive on bacterial counts in contaminated lacerations)  
IT Polyester fibers, biological studies  
RL: ADV (Adverse effect, including toxicity); THU (Therapeutic use);  
BIOL (Biological study); USES (Uses)  
(glycolide-lactide, comparison of effects of suture and  
cyanoacrylate tissue adhesive on bacterial counts in contaminated  
lacerations)  
IT Medical goods  
(sutures, comparison of effects of suture and cyanoacrylate  
tissue adhesive on bacterial counts in contaminated lacerations)  
IT Medical goods  
(tissue adhesives, comparison of effects of suture and  
cyanoacrylate tissue adhesive on bacterial counts in contaminated  
lacerations)  
IT **6606-65-1, Butyl 2-cyanoacrylate** 26780-50-7, Vicryl  
RL: ADV (Adverse effect, including toxicity); THU (Therapeutic use);  
BIOL (Biological study); USES (Uses)  
(comparison of effects of suture and cyanoacrylate tissue  
adhesive on bacterial counts in contaminated lacerations)